

FIG. 1

2025 RELEASE UNDER E.O. 14176

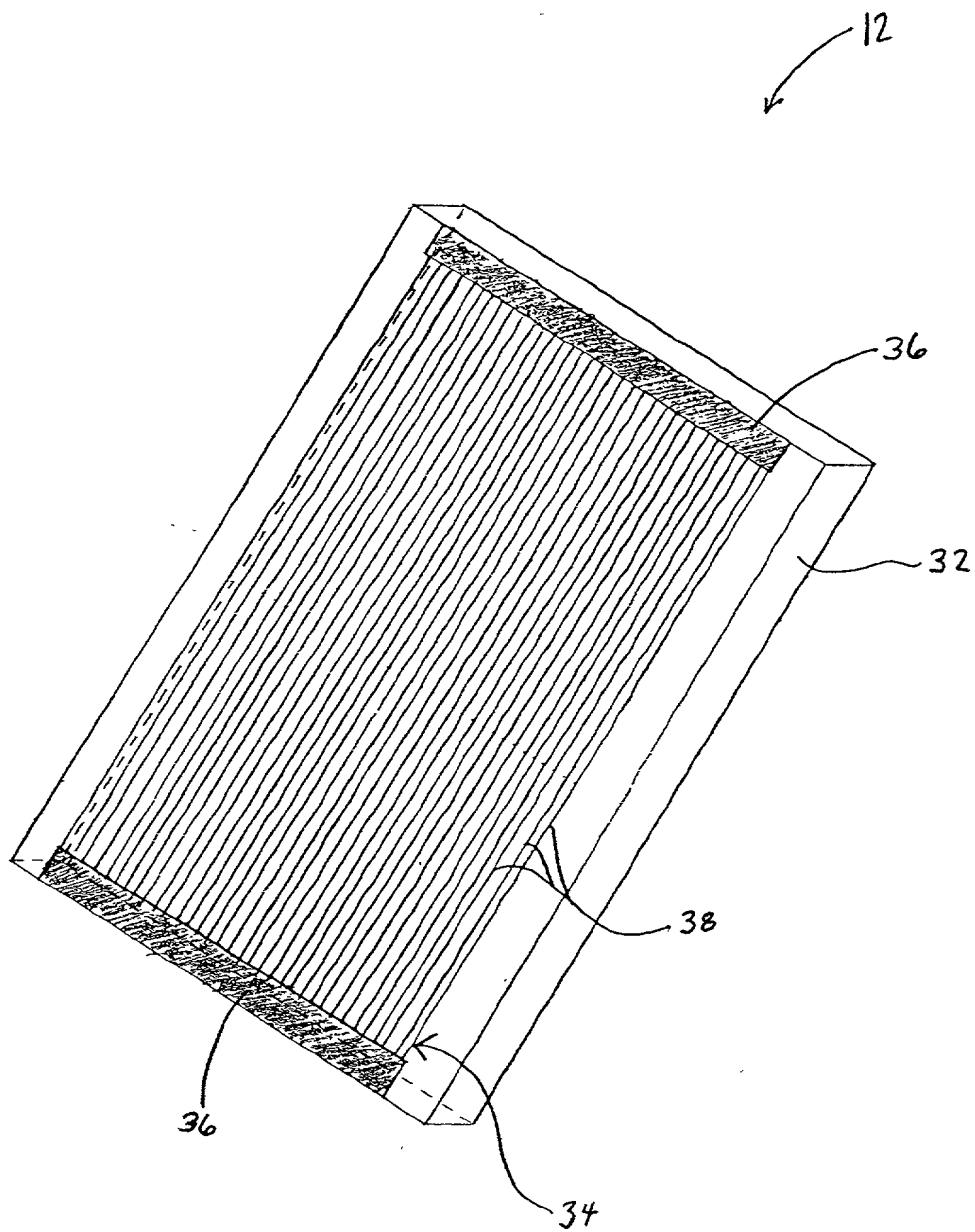


FIG. 2

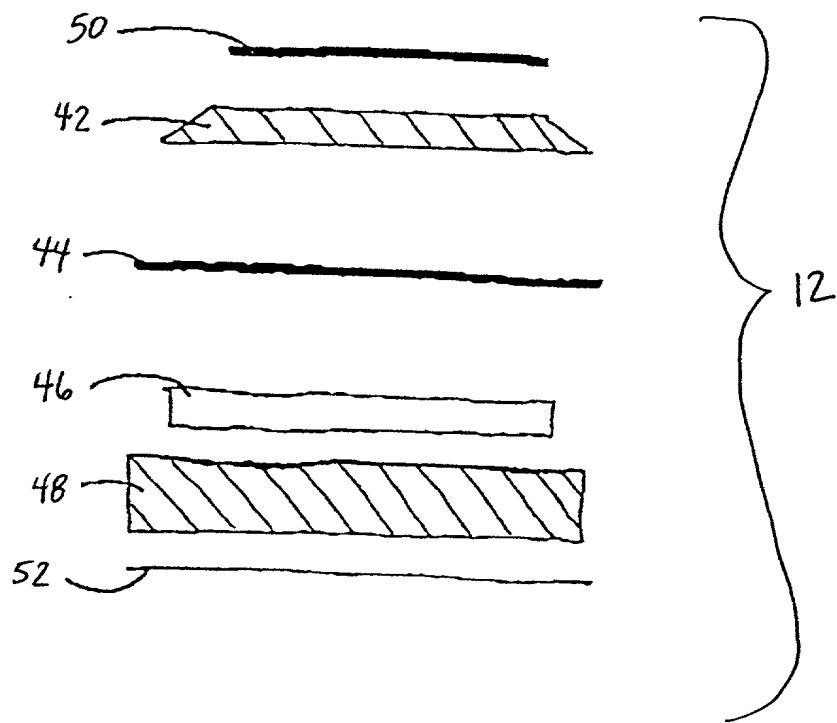


FIG. 3

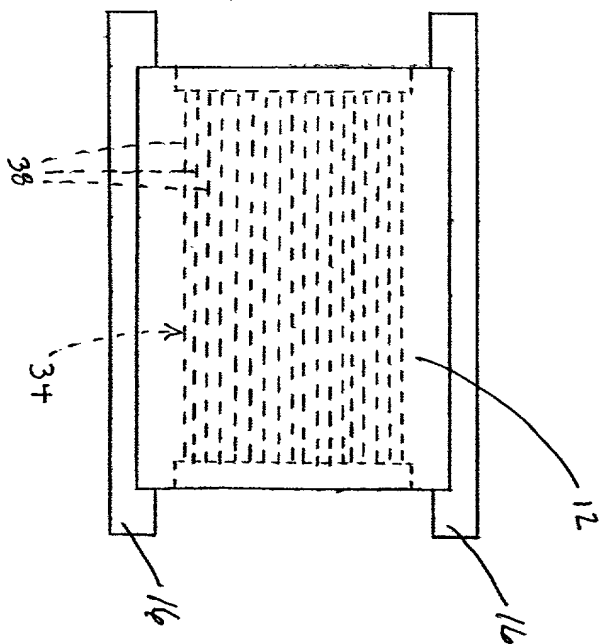


FIG. 4

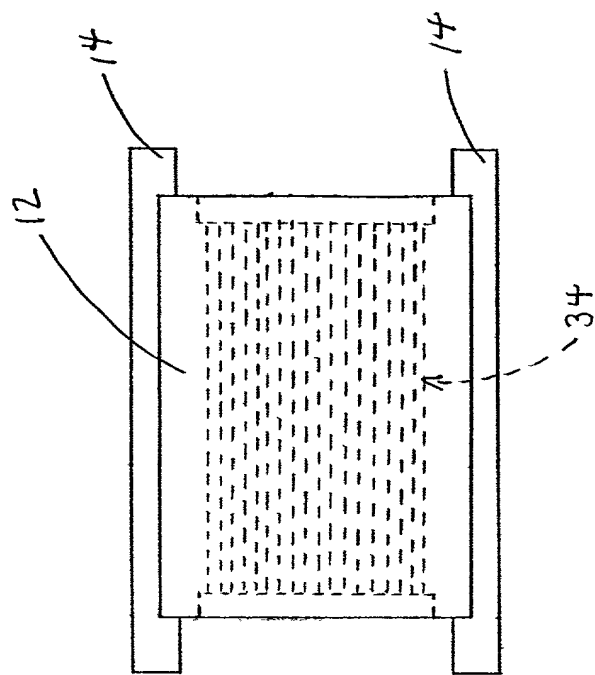


FIG. 5

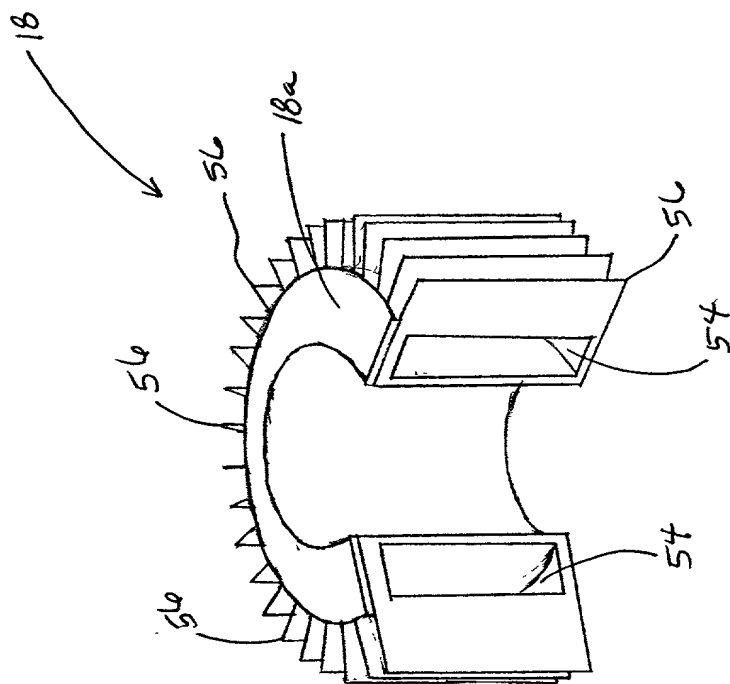


FIG. 6

2025 RELEASE UNDER E.O. 14176

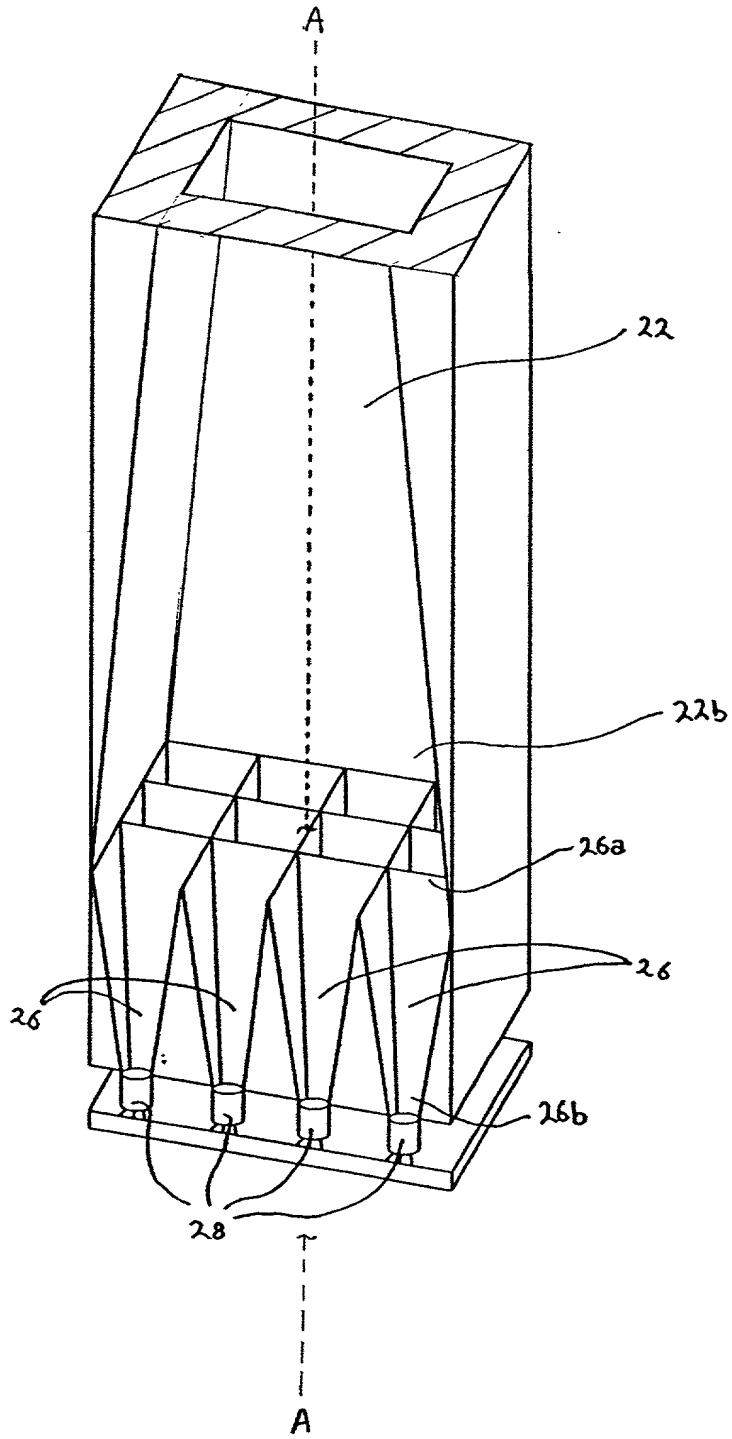


FIG. 6A

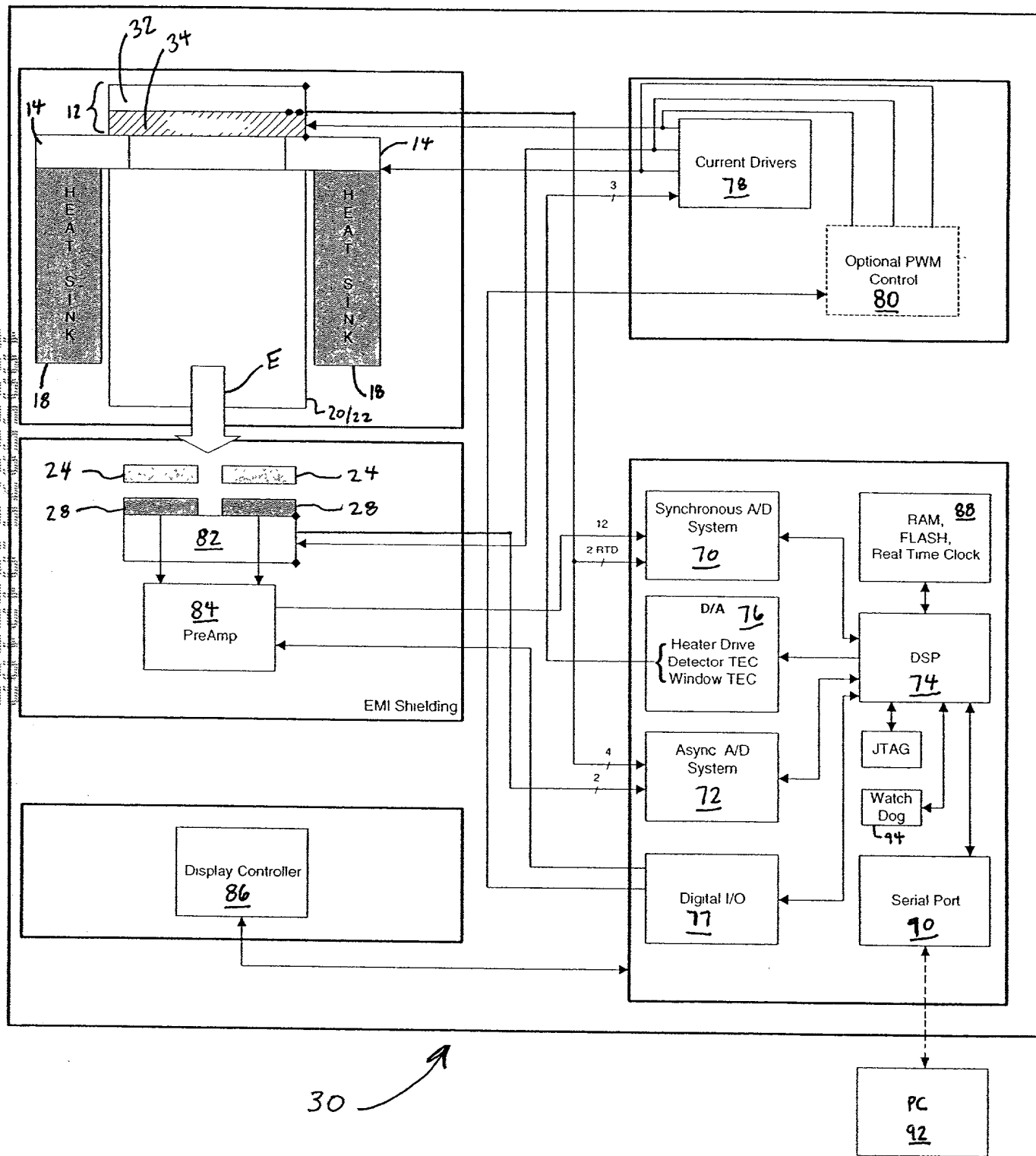
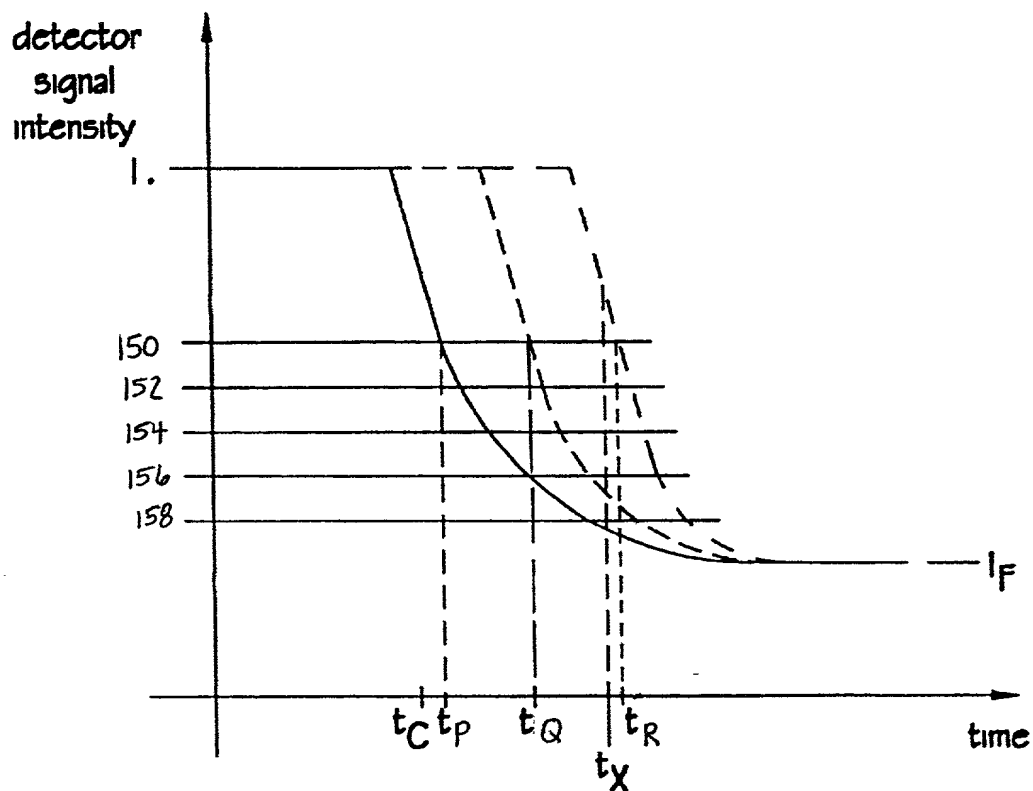
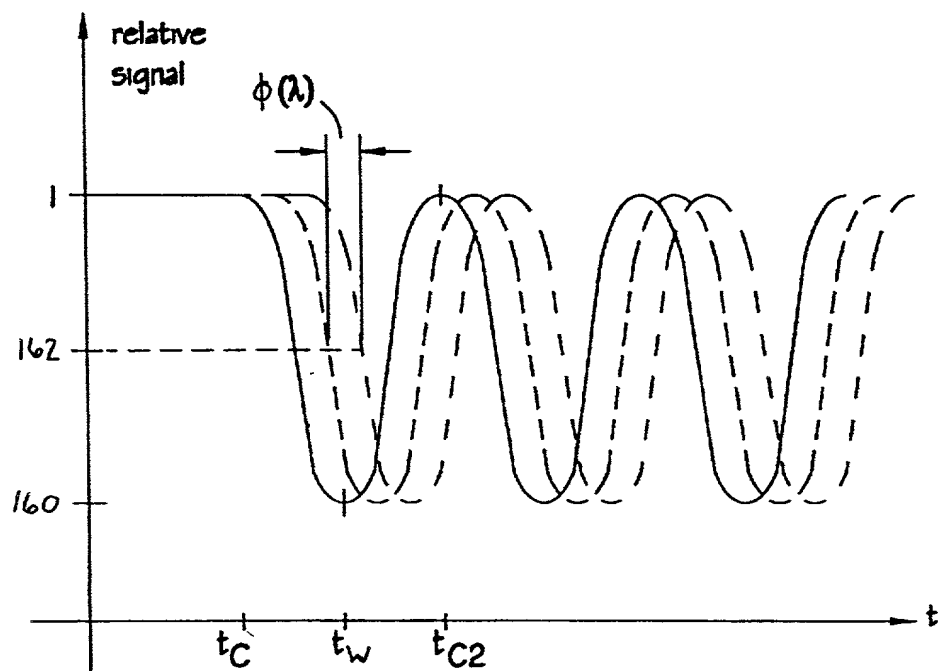


FIG. 7



P ————— surface tissue reference λ signal
 Q - - - - - analytical signal
 R - - deep tissue reference λ signal

Figure 8



J ——— surface reference signal
 K - - - - - analytical signal
 L - . - . - deep tissue reference signal

Figure 9

SECRET

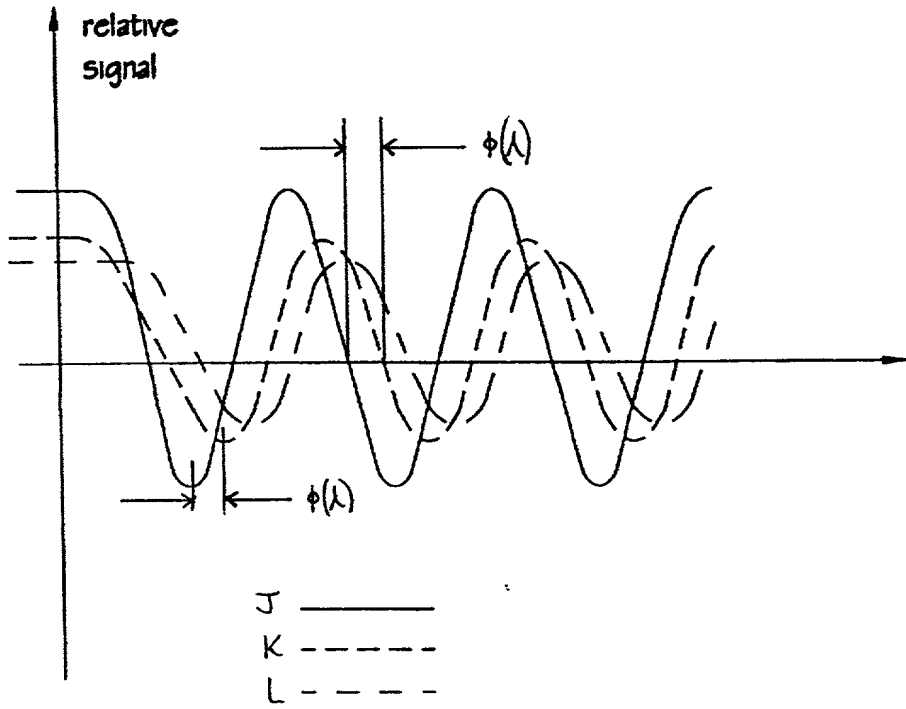


Figure 10

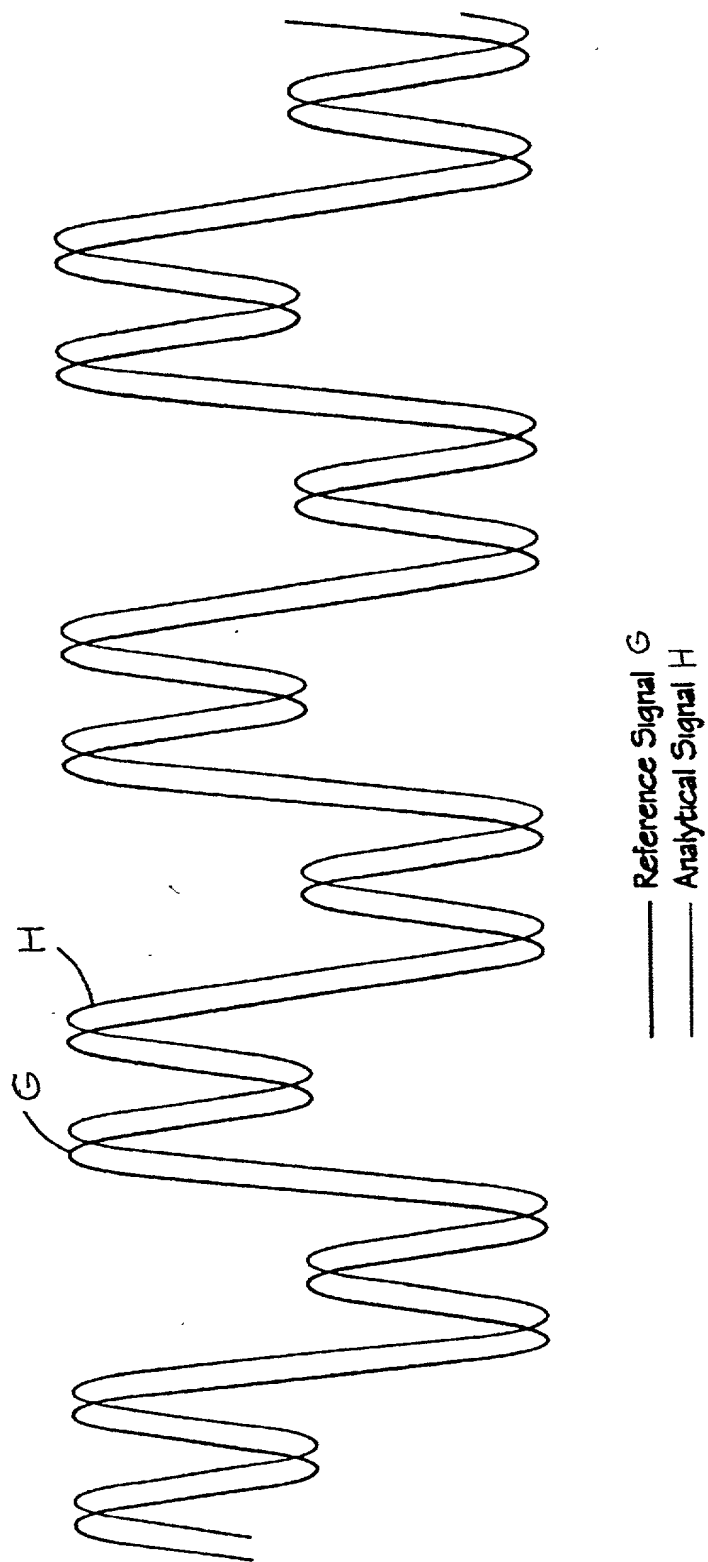


Figure 12

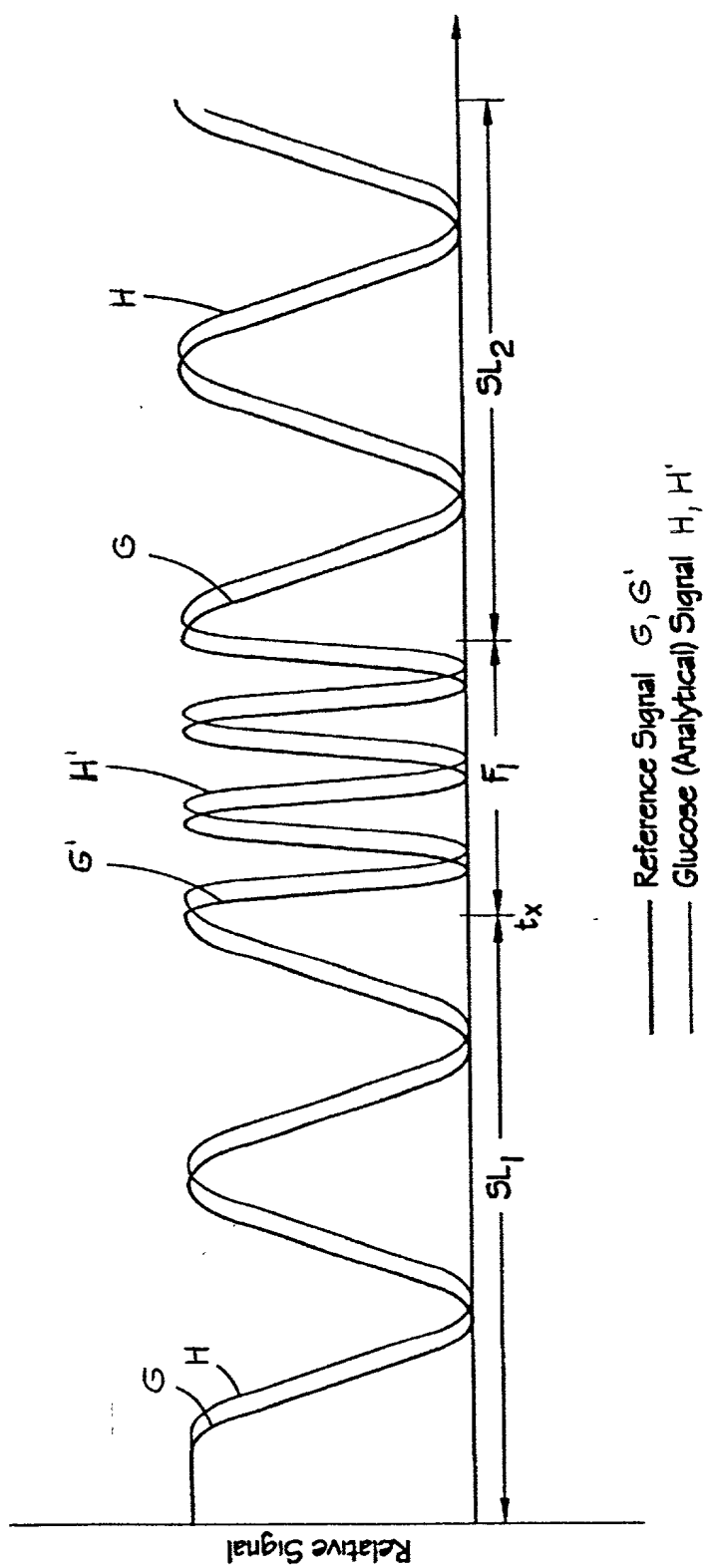
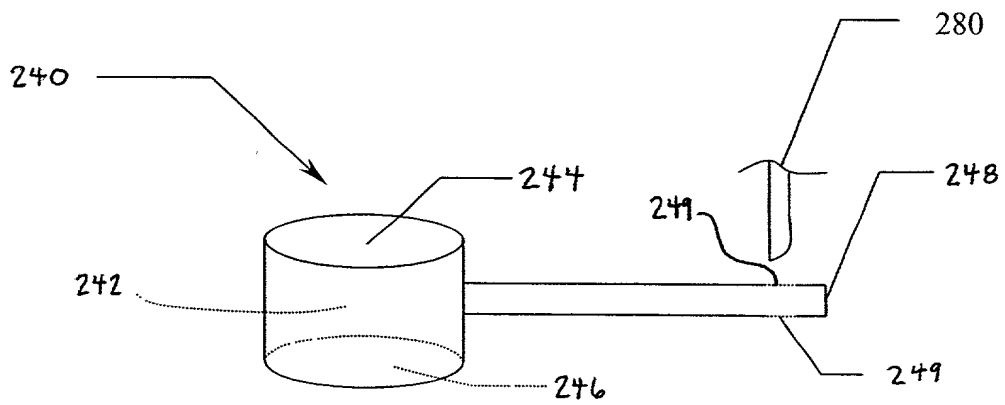
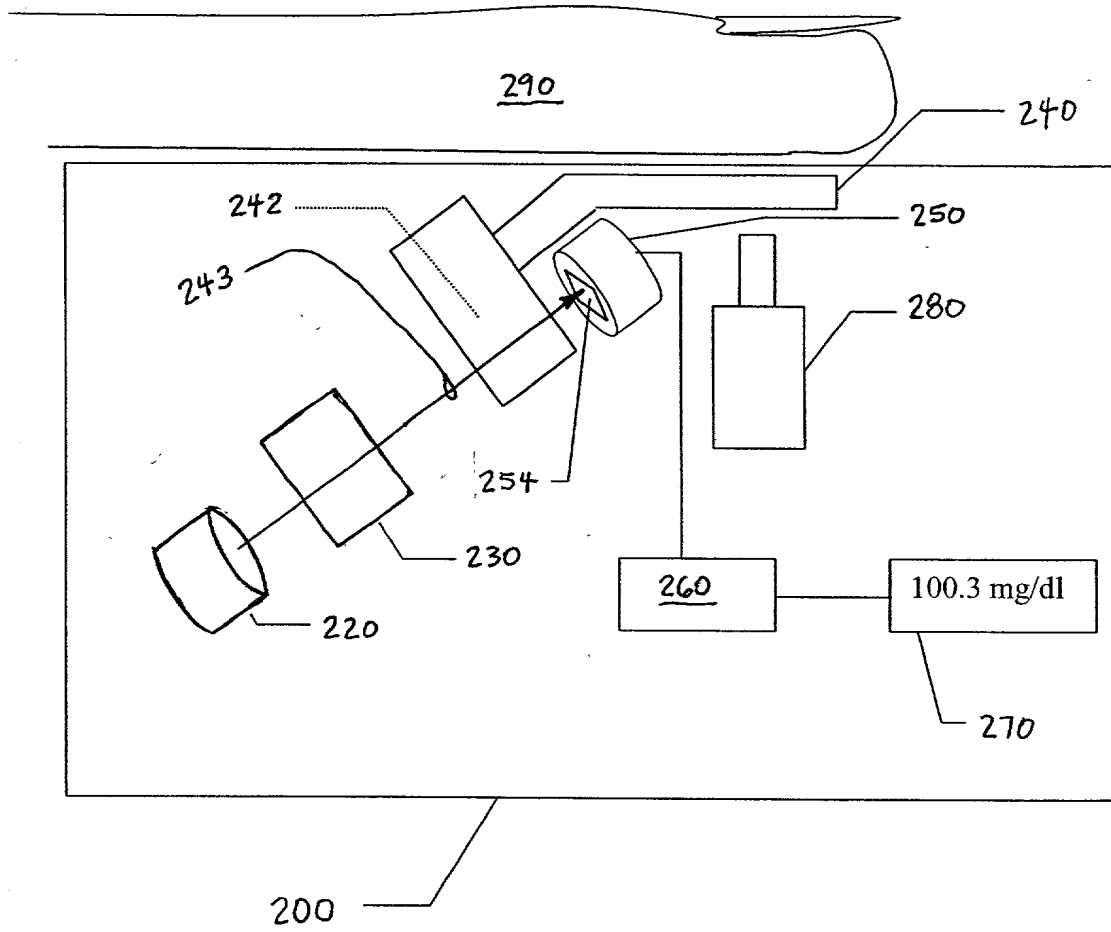


Figure 11



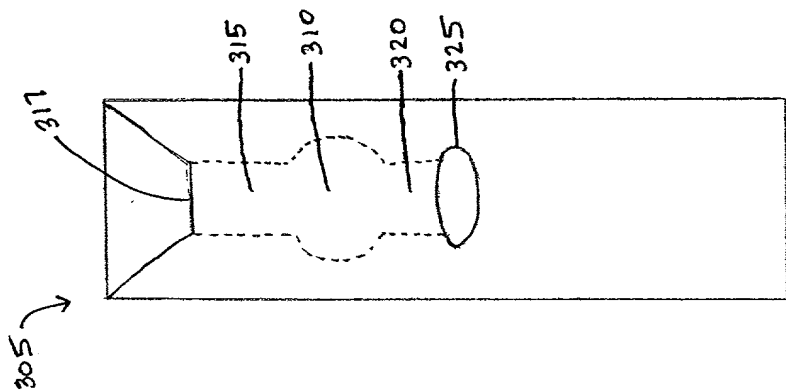


FIG. 15

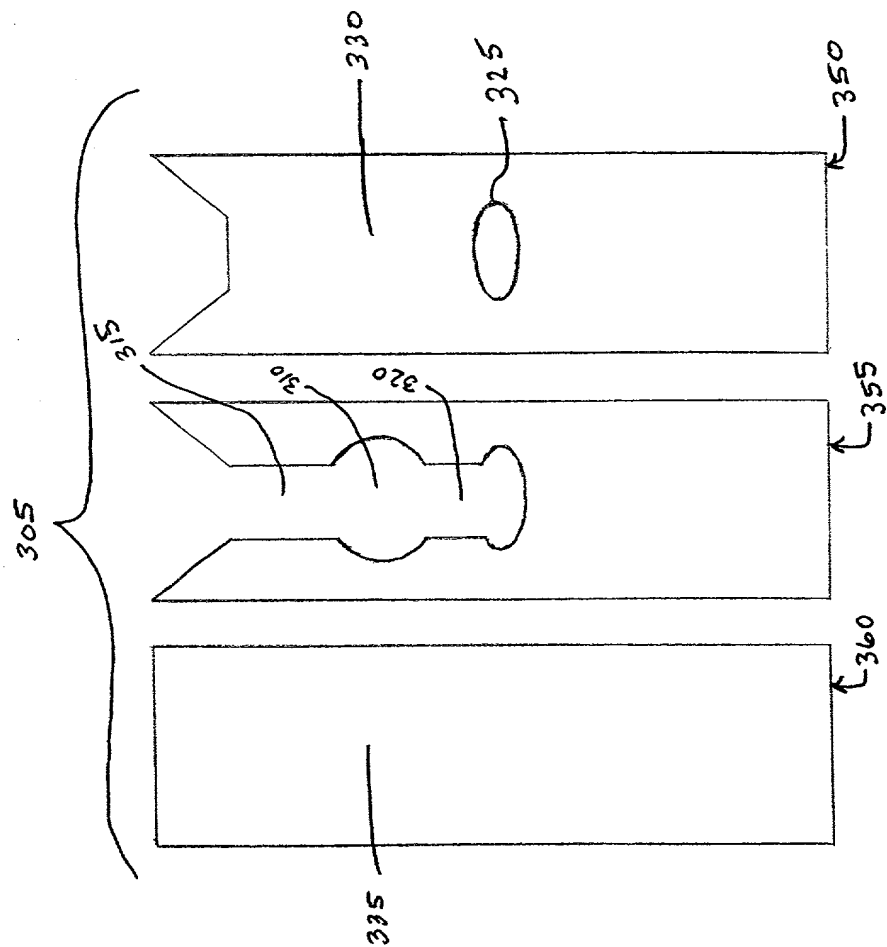


FIG. 16

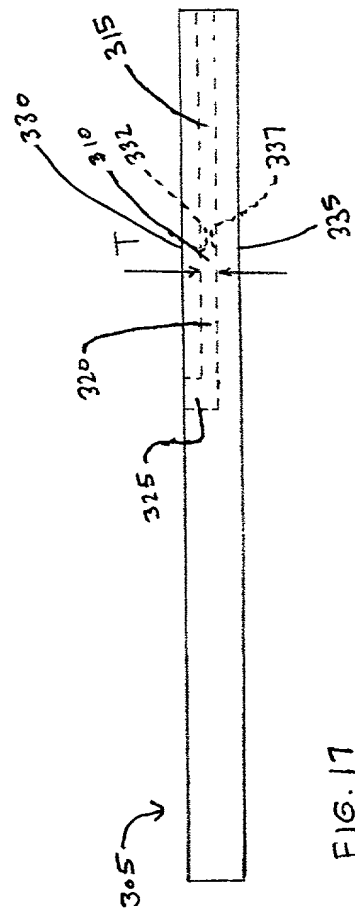


FIG. 17

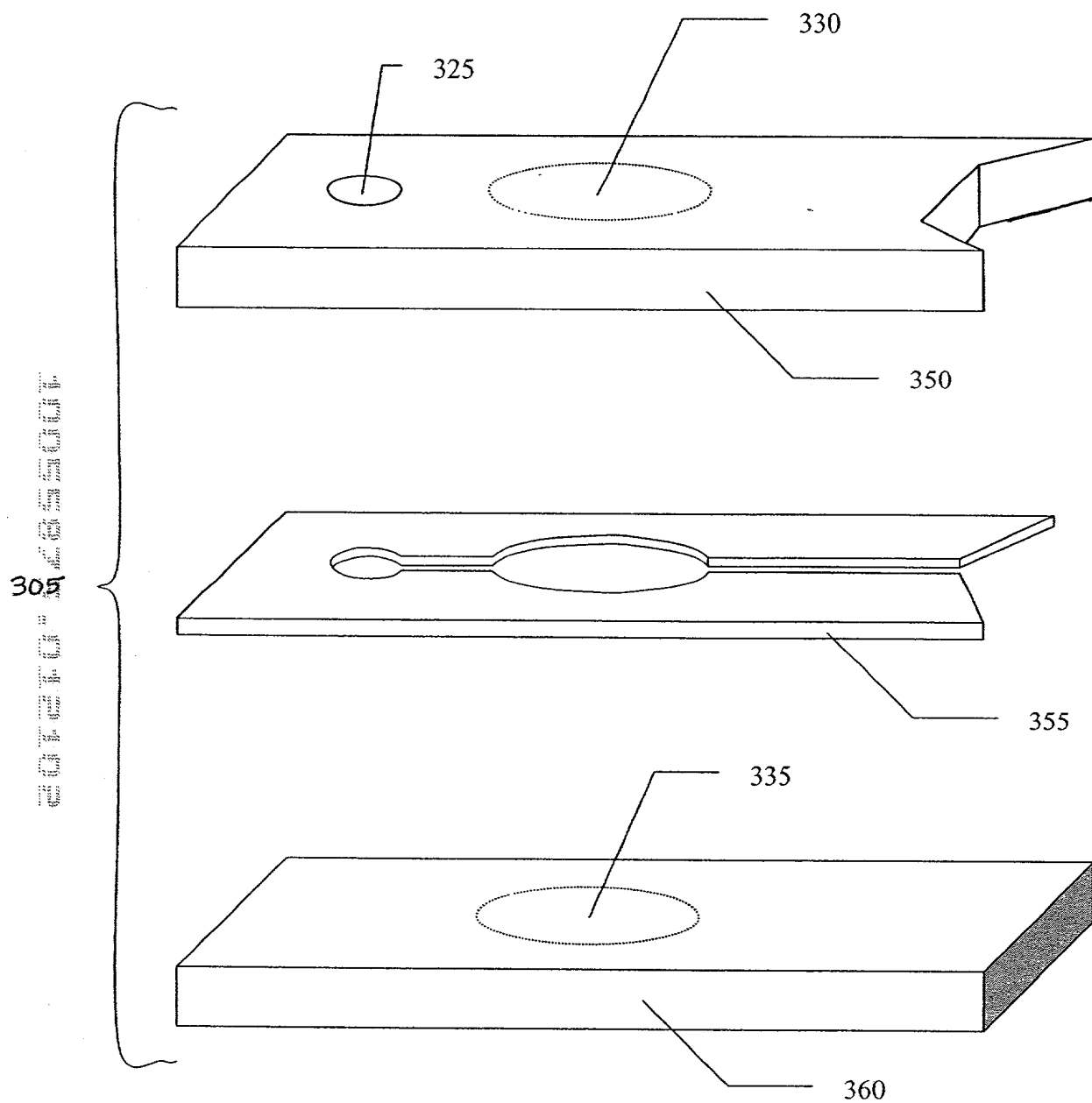


FIGURE 16A

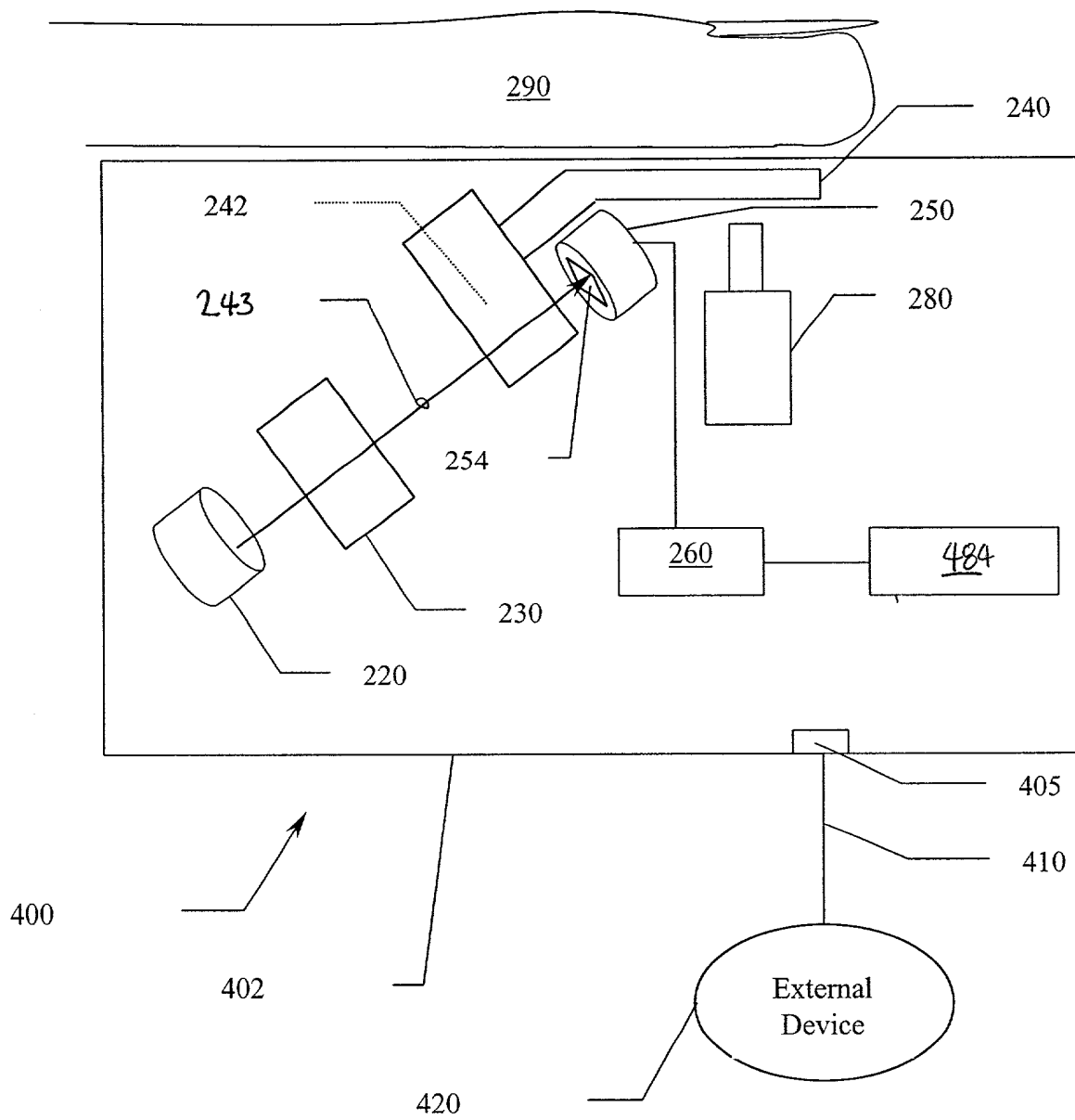


FIGURE 18

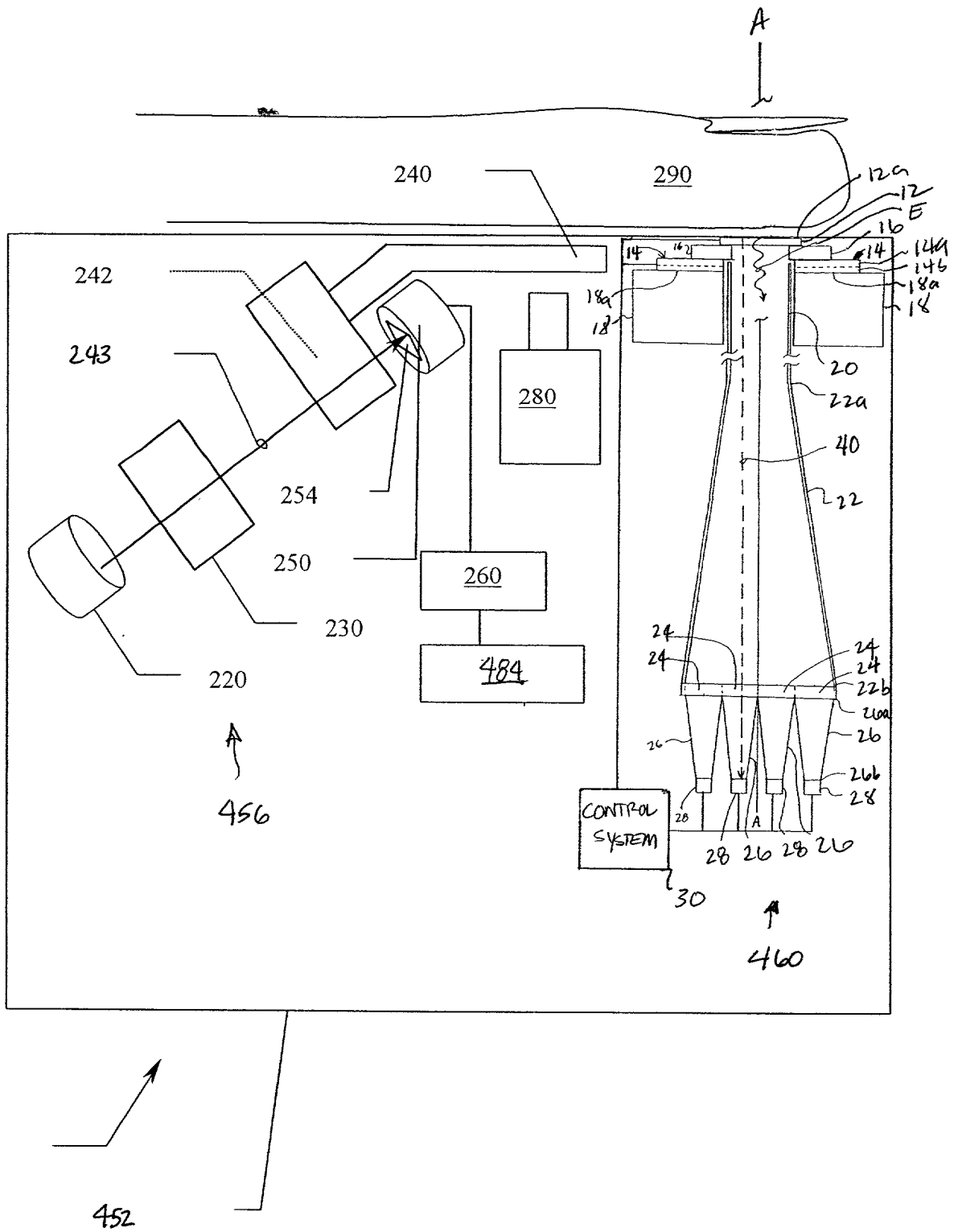


FIGURE 18A

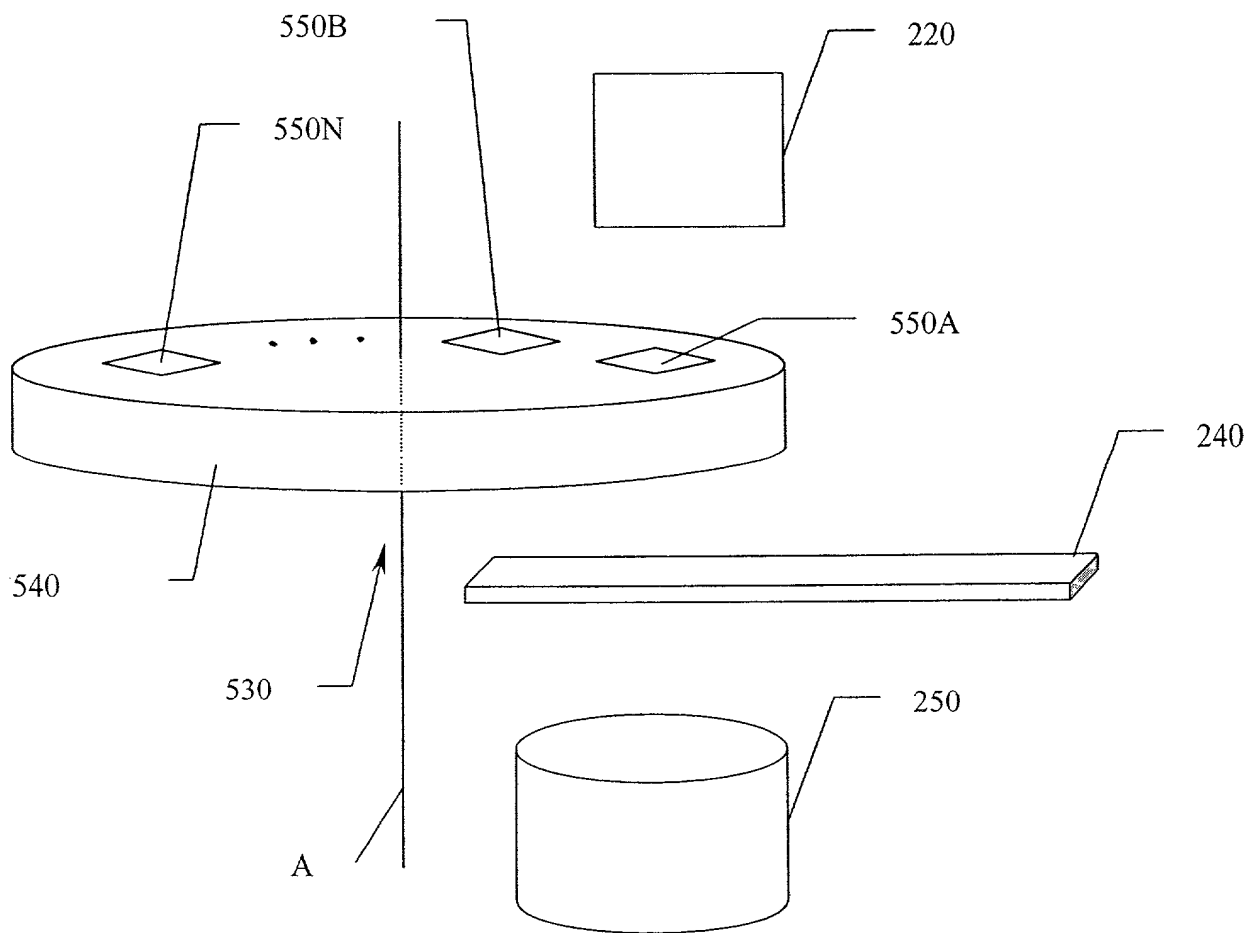


FIGURE 19

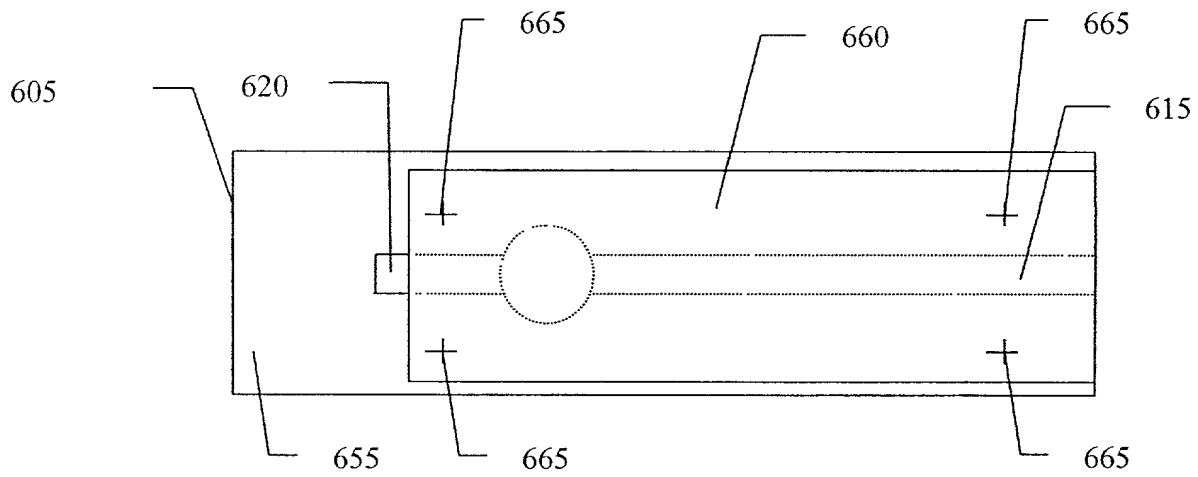


FIGURE 20A

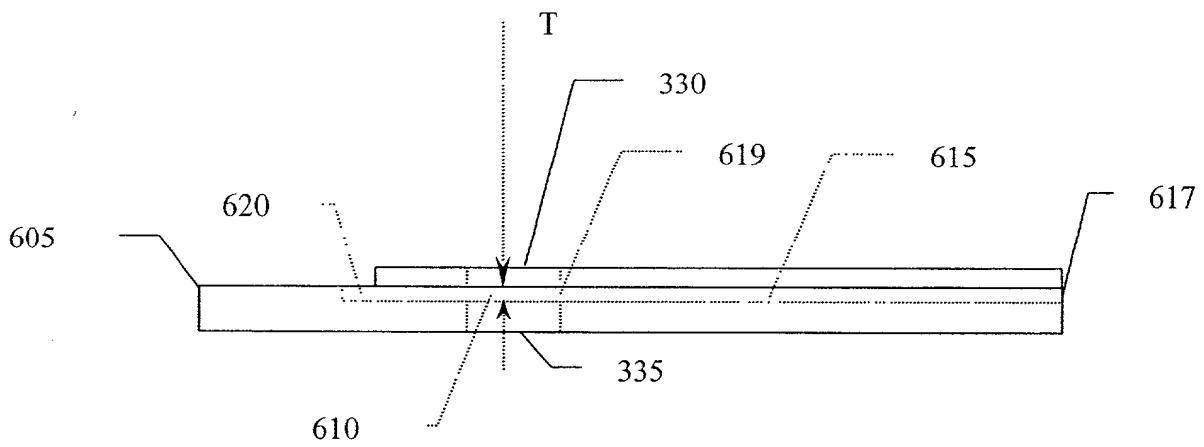


FIGURE 20B

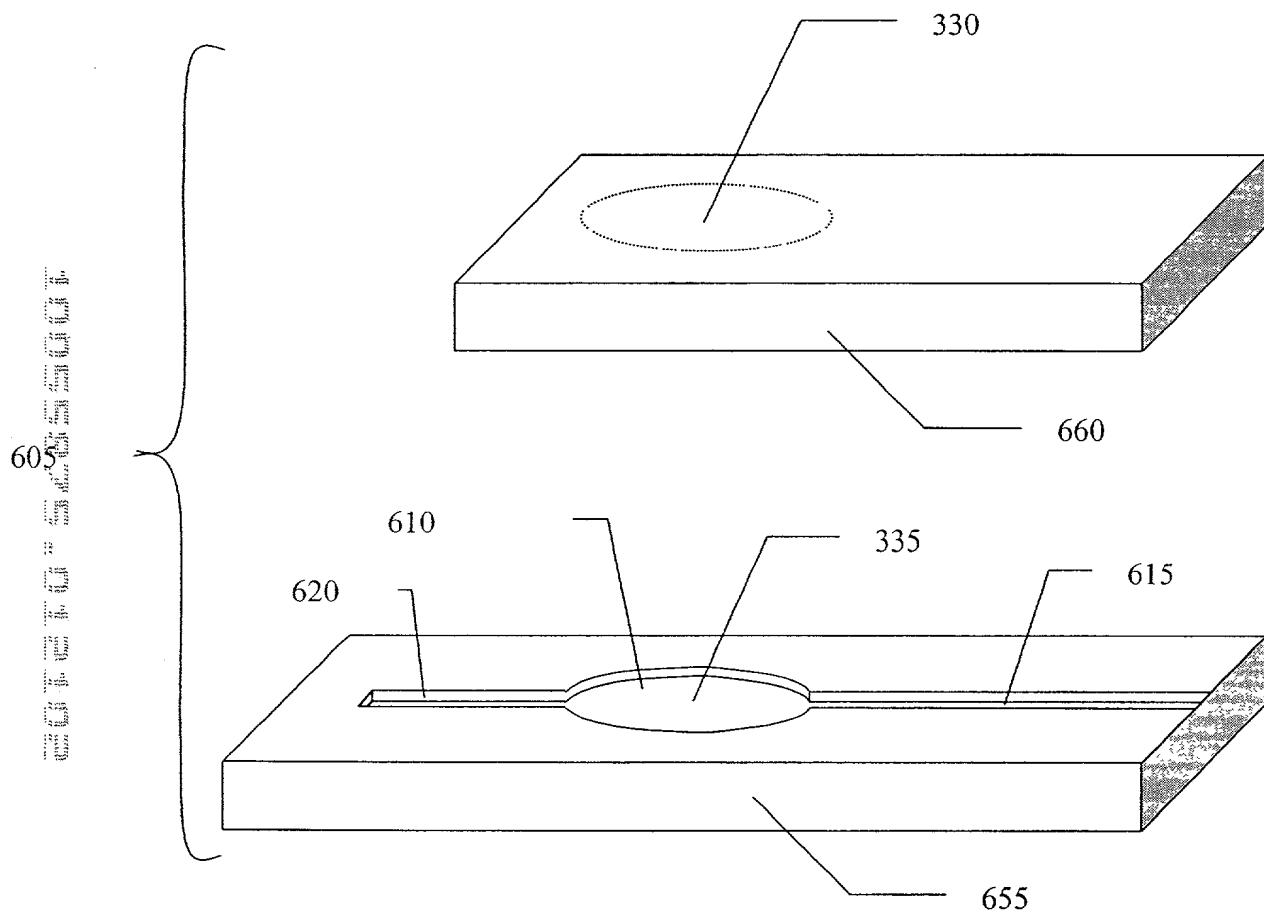


FIGURE 20C

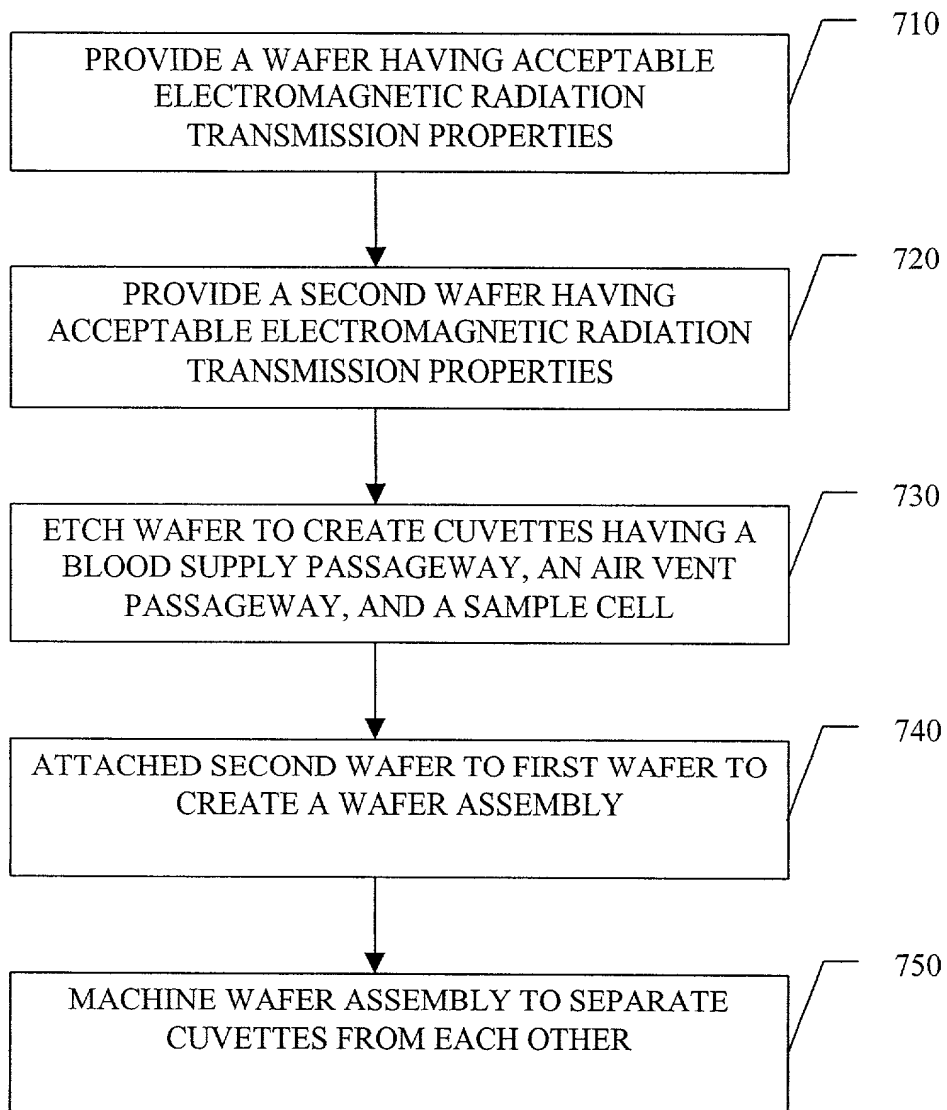


FIGURE 21

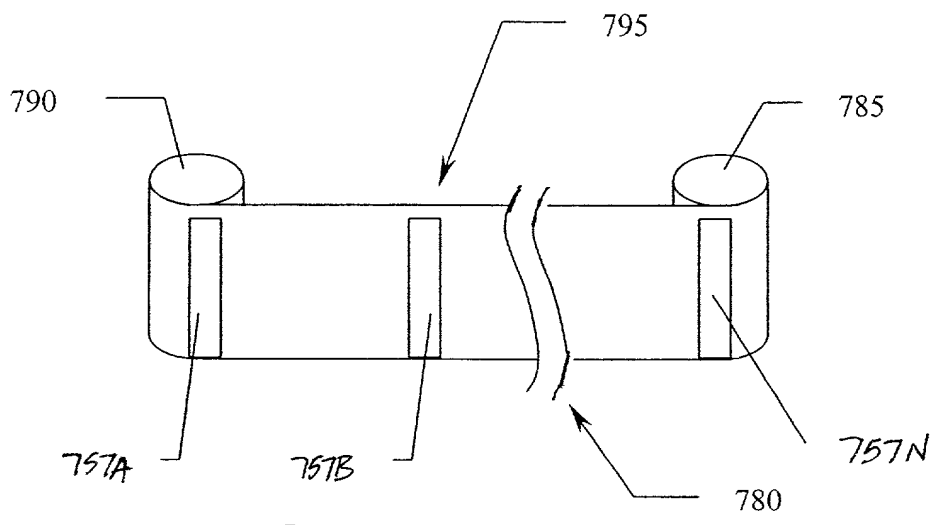


FIGURE 22

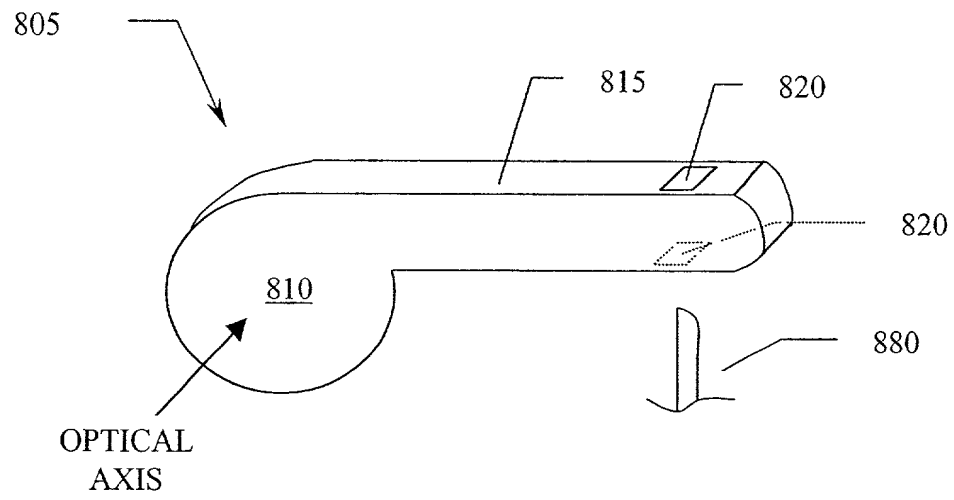


FIGURE 23A

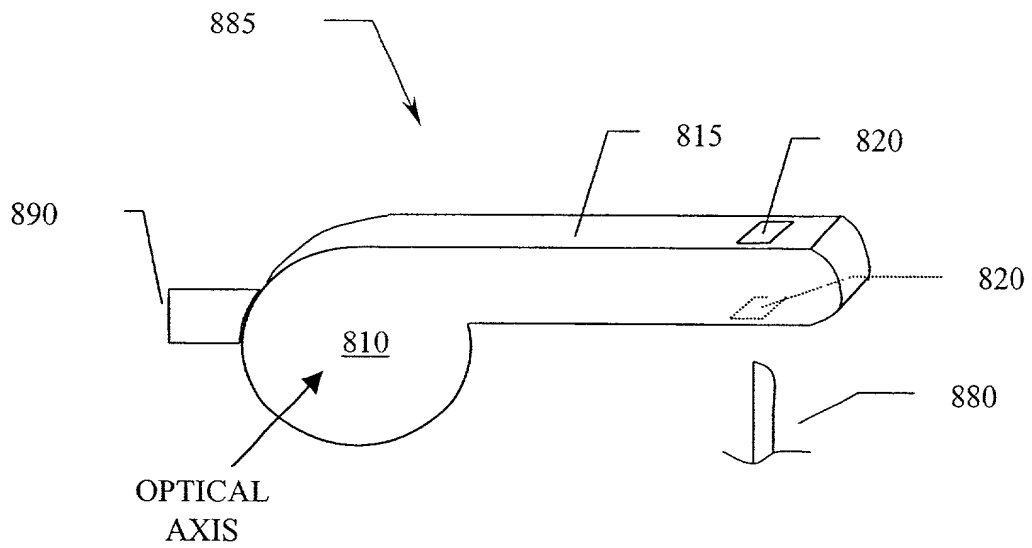
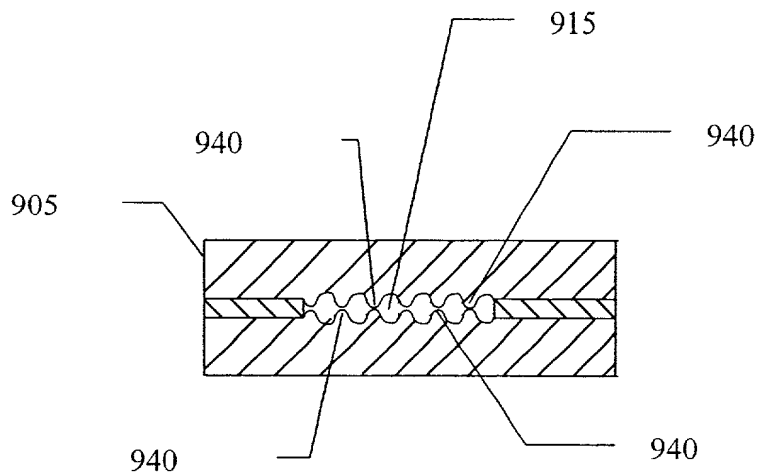
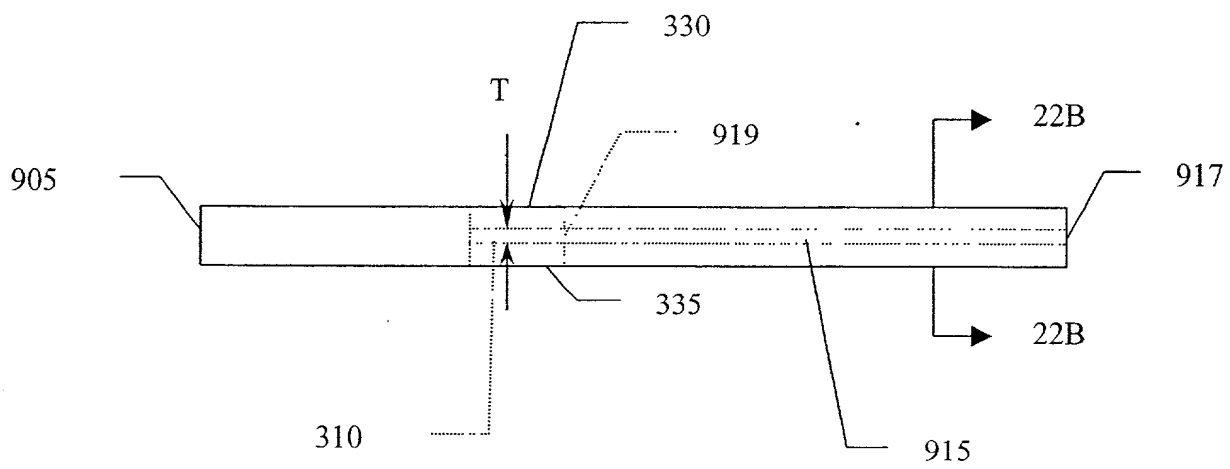


FIGURE 23B



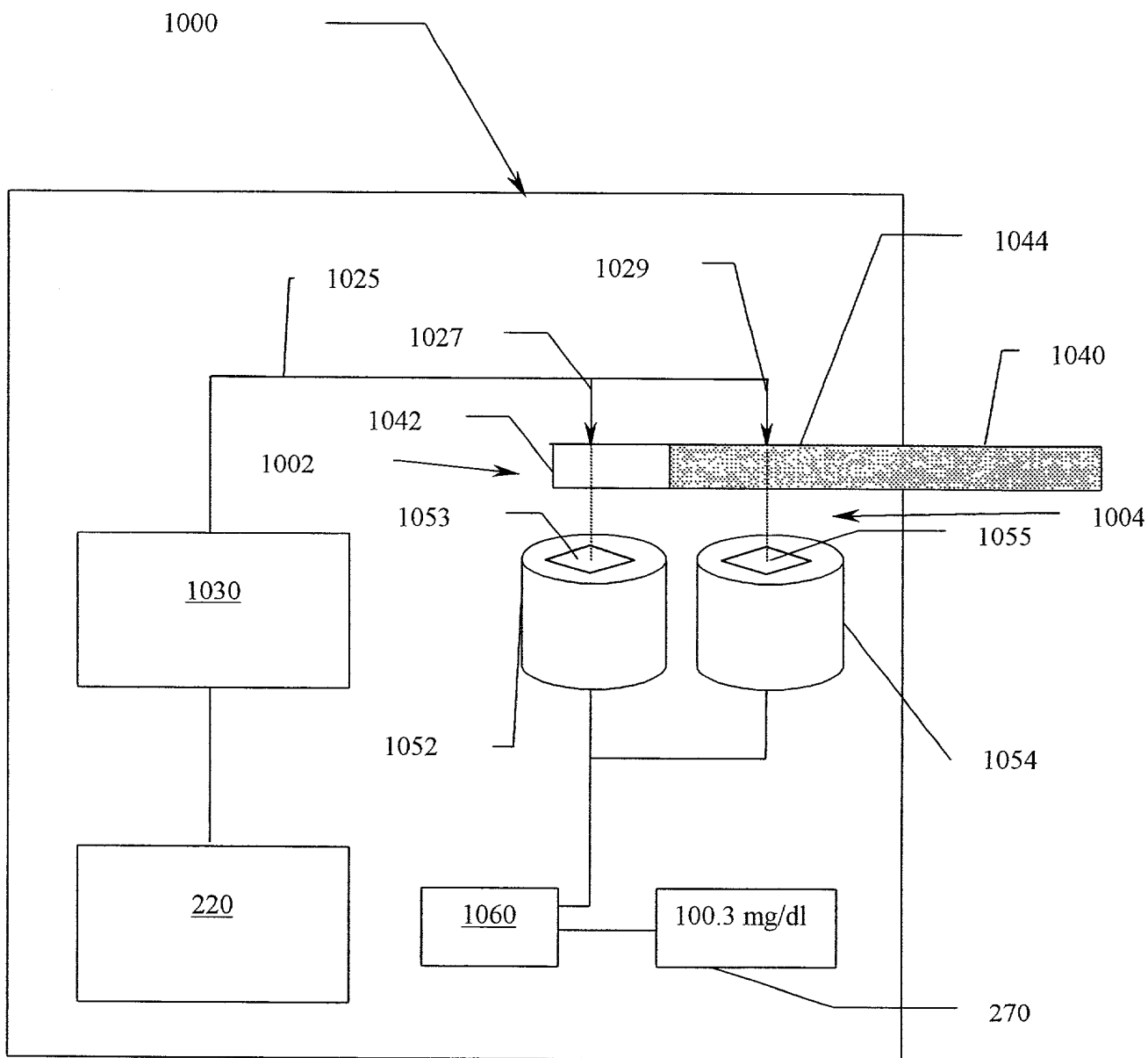


FIGURE 25

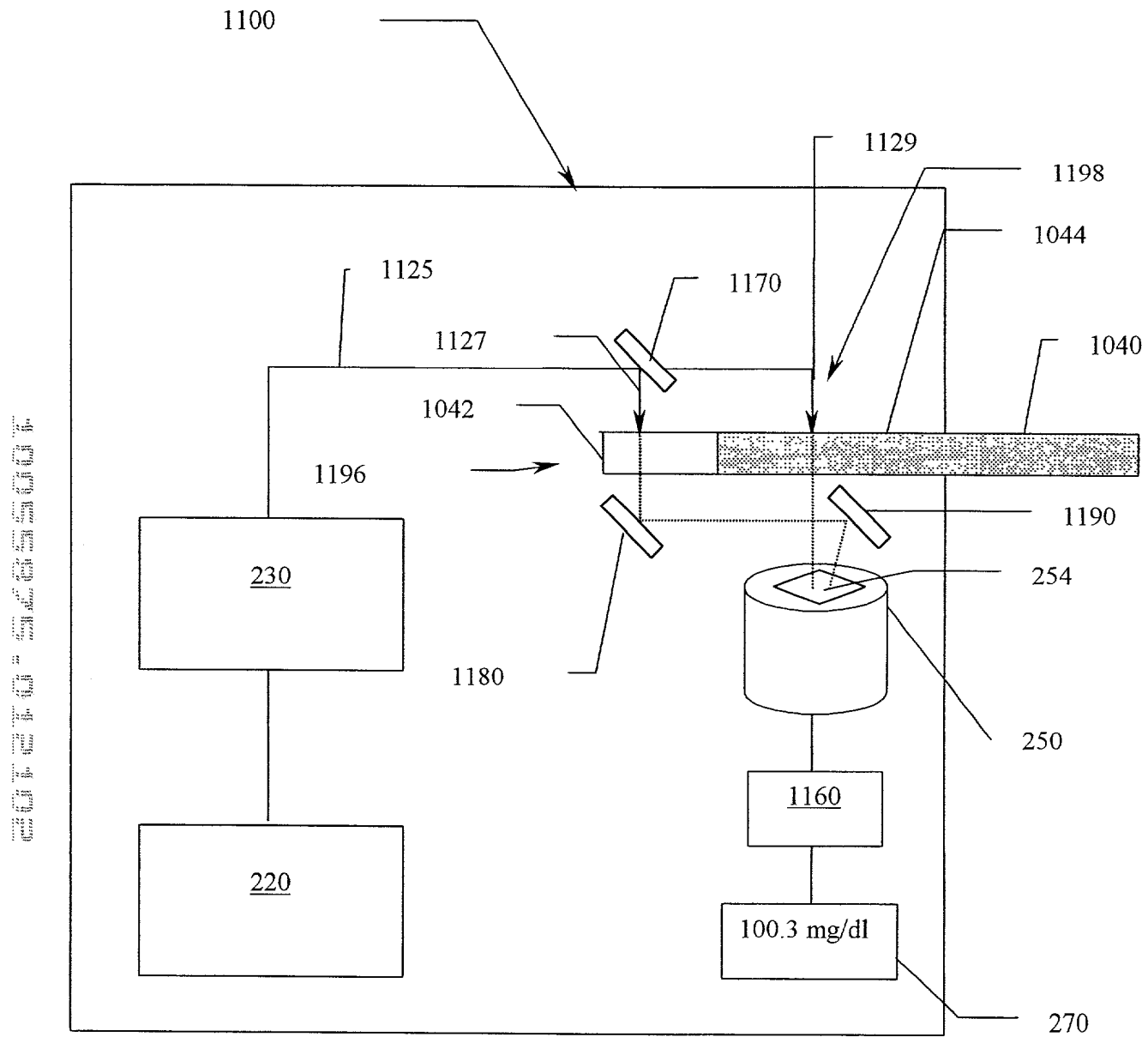


FIGURE 26

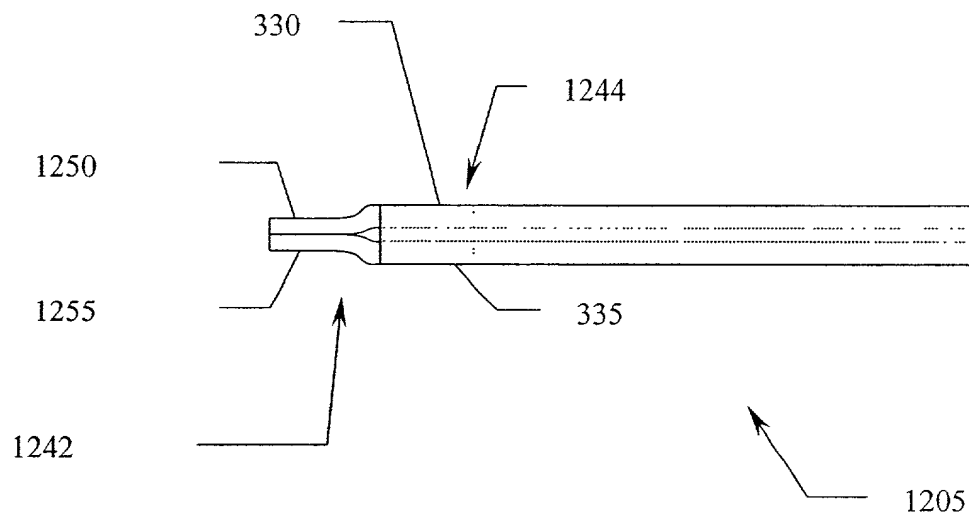


FIGURE 27

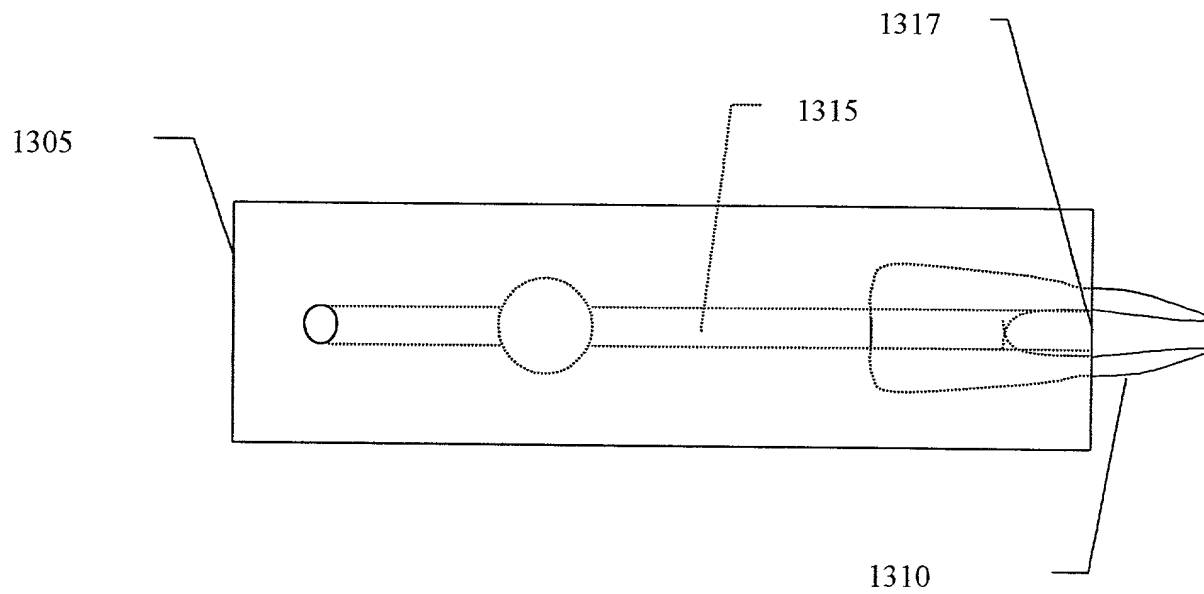


FIGURE 28

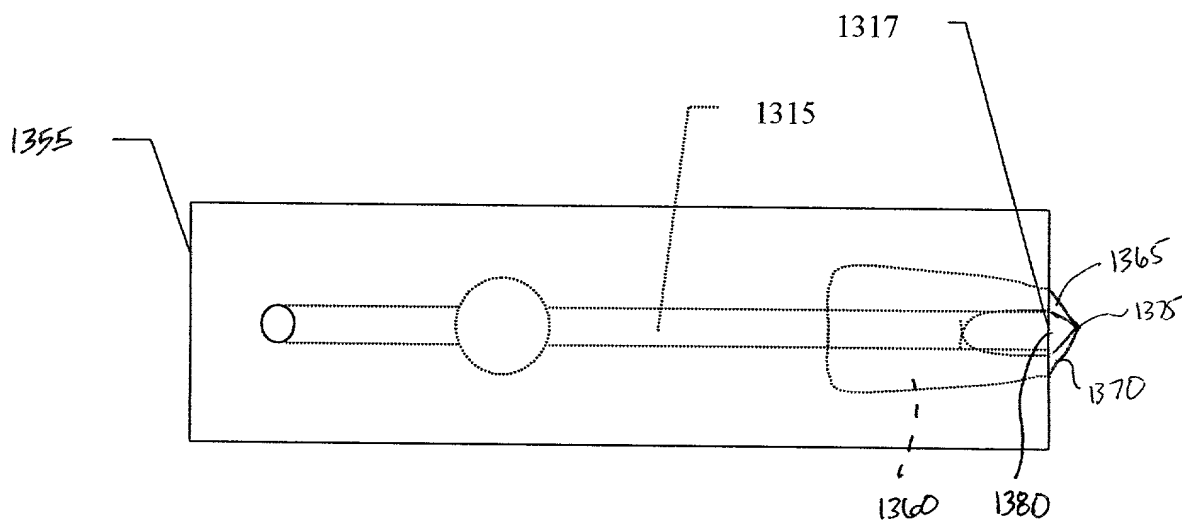


FIGURE 28A

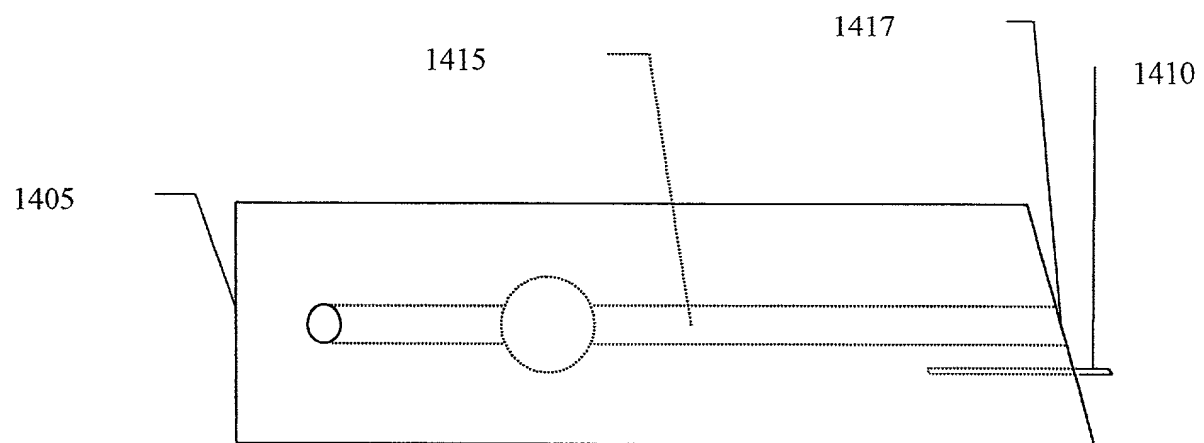


FIGURE 29

Error Vs. Measurement Time

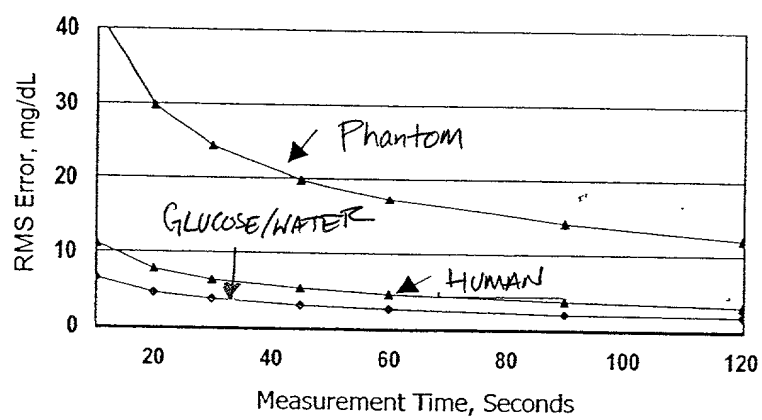


FIGURE 30